

Current Approver:	n/a	Copy To on Completion:	n/a
Current Status:	Issued	Next Status:	n/a
Approval Required From:	All		

Burnside Incident Investigation Report (for Internal Use Only)

Created by Thomas Miller On 08/08/2011

Incident Information			
Status:	Issued	Incident Number:	11-0022-RCI
Report Date:	08/08/2011	Business/Unit:	Burnside
Title:	Converter Gas Leak		
Incident Date:	08/05/2011	Incident Time:	05:30 AM
Area:	Acid Plant	Building (optional):	
Operation (optional):		Outside Notification Required:	No Release Reporting Guidelines
Brief Description of known facts:	Prior leak on first pass of the converter was being contained with maintenance vacuum hose. Gas heat melted hose and caused a gas leak.		
Immediate Action Taken:	Decreased burden and replaced vacuum hose. Converter leak will be repaired during 8/10 shutdown. A metal cover will be installed to deflect water from the converter inlet.		
Environmental Deviation (Title V, other):	No		
Chemical Released:	SO2/SO3 gas	HTM Chemicals (Select All That Apply):	
Amount Released out of primary containment (lbs.):	37.00	Duration (Mins.):	315
Was release contained?			
Amount Released out of secondary containment (lbs):	37.00	To what medium?	Air
Is Further Investigation of this incident recommended?			
Final Report Authorizer	Thomas Miller	Investigation Leader	


Preliminary Attachments:

2009 ACC Reportable Quantities:

An acute release of flammable, combustible, or toxic chemical from primary containment. Release measured in 1-hr blocks.

Hydrogen Sulfide	55 lbs
Sulfur dioxide	220 lbs
Sulfur trioxide, stabilized	55 lbs
Sulfuric Acid, fuming (≥30% oleum)	55 lbs
Sulfuric Acid, fuming (<30% oleum)	1100 lbs
Sulfuric Acid	2200 lbs
Sodium Hydroxide solution (all strengths):	2200 lbs
Nitrosylsulfuric acid	2200 lbs

Incident Report Quality Assurance questions.

EXHIBIT #	12
REPORTING	
 TORRES REPORTING & ASSOCIATES, INC. COURT REPORTING & LITIGATION SERVICES www.torresreporting.com	

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These questions are to be reviewed and answered for each incident that is being authorized.

Injury / Acute Illness	
Was there a Potential injury?	No <input type="checkbox"/>
Was there an actual injury?	No <input type="checkbox"/>

Classification			
See Corporate SHE Standard S8Y			
Incident Type:	Environment	Events:	Fume/Vapor release
PHA Area:	Acid Plant		
INCIDENT COSTS: (Physical Impact, environmental impact, business interruption, etc...)		Time/Date Investigation started	
Type of Incident Report using Formal Investigation form.	Prelim with Recommendations		

ENVIRONMENT RATING (* Indicates an automatic SPI or Cat A Incident)	Points
1. Hazards and materials involved	
	10
2. Actual Size of Release/Incident or Magnitude of Event	
	5
6. Actual On-site Impact	
	0
8. Actual Off-Site Impact	
	0
	15
Environment Rating: C	

ACC Reportable	
A. Reporting Threshold (check any that apply)	
Was there a fire or explosion causing >\$25,000 damage?	
Chemical Release reportable either under SARA or CERCLA or >5000 Lbs. of flammable material? (See Notes 1-4)	
Was there one or more fatality or LWC of employees or contractors?	
Was there overnight hospitalization of non-employees / contractors?	
Notes that Apply to Section A only:	
1. The SARA Extremely Hazardous Substances list and the ACC list are identical; the most up-to-date list is found in 40 CFR Part 355, Appendix A.	
2. Any release of more than 5,000 lbs. of a flammable substance is considered ACC reportable, even if the chemical is not on any	

regulatory list, such as the Extremely Hazardous Substance List.
3. Any release of two or more flammable substances which totals more than 5,000 lbs.
4. If part of a release is to the air and part is spilled onto the ground, these amounts are to be summed. If the total is more than 5,000 Lbs. (or if the substance is on the Extremely Hazardous Substances List and the total meets or exceeds the RQ (Reportable Quantity)).
If any YES box for Criteria A is checked, proceed to Criteria B & C.
If ZERO YES boxes were checked, the incident is not ACC Reportable.
B. Chemical/Process Involvement: Did the incident involve a chemical or chemical process?
C. Location: Did the incident occur on the site?
If a box under Criteria A and the boxes for both Criteria B & C were checked, the incident is ACC reportable.
If boxes under all three Criteria were not checked, the incident is not ACC reportable.
ACC reportable - No

Investigation Members:
(Non-Lotus Notes Names)

Associated CAR's

Email will go to the default distribution list.	
Preliminary:	n/a
Issue & Rated:	n/a
Final:	SPEC~Sulfur~~Burnside~Authors; Brian E Bentley/AE/DuPont; Raymond G Allen/AE/DuPont; Rob M Brown/AE/DuPont; SPEC~Sulfur~~Burnside~Editors

List any names for off-site notification List any additional names below for the Final Report:

Workflow / Status	Approver/ Completed By:	Upon Completion - Copy Email to:	Completed Date:	Approval Required From:
DRAFT/NEW				
0 Draft	Author Thomas Miller		08/08/2011	All
IN-PROGRESS				
1 Rate Incident	Maintenance Manager Thomas Miller		08/08/2011	All
2 Approve Rating	Plant Manager Final Report Authorizer			All

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3	Formal Investigation	Incident Lead Investigation Leader			All
4	Awaiting Final Approval	Plant Manager Thomas Miller	Final	08/11/2011	All
COMPLETE					
20	Issued				

Status/Edit Tracking

Update History:

08/08/2011 : Thomas Miller : Status updated to Rate Incident
08/08/2011 : Thomas Miller for T Gene Clemons,Kerry Long : Status updated to Awaiting Final Approval
08/08/2011 : Thomas Miller : Status updated to Issued
08/11/2011 : Thomas Miller : Status returned to Awaiting Final Approval Comments :Need to score incident
08/11/2011 : Thomas Miller : Status updated to Issued

Added as per PQR#11183829 - Lookup for PComplete11 to PComplete15

Edit History

Rev.	Editor	Edit Date
1.	Thomas Miller	8/11/2011 7:50:07 AM
2.	Thomas Miller	8/11/2011 7:50:06 AM
3.	Thomas Miller	8/11/2011 7:50:05 AM
4.	Thomas Miller	8/11/2011 7:49:13 AM
5.	Thomas Miller	8/11/2011 7:49:00 AM

**Only past five edits are shown*